

AMENDMENTS TO THE CLAIMS:

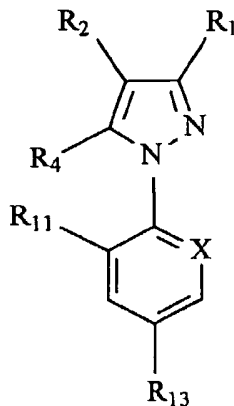
This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1.-17. (Canceled)

~~18.~~ (Currently Amended) ~~Insecticidal compositions~~ An insecticidal composition comprising:

(a) between 0.001 and 5 % of a compound of formula (I):



(I)

in which:

R_1 is a halogen atom or a CN group or a methyl group or a CH_3CO group;

R_2 is $\text{S(O)}_n\text{R}_3$;

R_3 is alkyl or haloalkyl;

R_4 represents a hydrogen or halogen atom, or an NR_5R_6 , $\text{S(O)}_m\text{R}_7$, $\text{C(O)}\text{R}_7$ or C(O)O-R_7 , alkyl, haloalkyl or OR_8 radical or an $-\text{N}=\text{C(R}_9)(\text{R}_{10})$ radical;

R_5 and R_6 independently represent a hydrogen atom or an alkyl, haloalkyl, C(O)alkyl or $\text{S(O)}_r\text{CF}_3$ radical, or R_5 and R_6 can together form a divalent alkylene radical optionally interrupted by one or two divalent heteroatoms;

R_7 represents an alkyl or haloalkyl radical;

R_8 represents an alkyl or haloalkyl radical or a hydrogen atom;

R_9 represents an alkyl radical or a hydrogen atom;

R_{10} represents a phenyl or heteroaryl group optionally substituted with at least one halogen atom or ~~groups~~ radical selected from the group consisting of OH, -O-alkyl, -S-alkyl, cyano ~~or~~ and alkyl;

X represents a trivalent nitrogen atom or a C-R_{12} radical, the other three valences of the carbon atom forming part of the aromatic ring;

R_{11} and R_{12} represent, independently of each other, a hydrogen or halogen atom;

R_{13} represents a halogen atom or a haloalkyl, haloalkoxy, $\text{S(O)}_q\text{CF}_3$ or SF_5 group;

m, n, q, r represent, independently of each other, an integer equal to 0, 1 or 2;

with the proviso that when R_1 is methyl, then R_3 is haloalkyl, R_4 is NH_2 , R_{11} is Cl,

R_{13} is CF_3 and X is N;

- (b) between 0.05 and 10 % of at least one moisture-retaining agent; and
- (c) between 40 and 99% of at least one vegetable meal.

2 ~~19~~. (Currently Amended) ~~Insecticidal compositions~~ An insecticidal composition according to Claim ~~18~~, wherein the vegetable meal is derived from the grinding of a cereal grain.

3 ~~20~~. (Currently Amended) ~~Insecticidal compositions~~ An insecticidal composition according to Claim ~~18~~, wherein the vegetable meal is a maize.

4 ~~21~~. (Currently Amended) ~~Insecticidal compositions~~ An insecticidal composition according to Claim ~~18~~, wherein the moisture-retaining agent is of an organic nature.

5 ~~22~~. (Currently Amended) ~~Insecticidal compositions~~ An insecticidal composition according to Claim ~~18~~, wherein the composition also comprises from 3 to 30 % of a sugar.

6 ~~23~~. (Currently Amended) ~~Insecticidal compositions~~ An insecticidal composition according to Claim ~~22~~, wherein the sugar is selected from mono, oligo- or polyorganosaccharides.

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24. (Currently Amended) ~~Insecticidal compositions~~ An insecticidal composition according to Claim 18¹, further comprising a preservative to prevent degradation of the meal.

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25. (Withdrawn) ~~Insecticidal compositions~~ An insecticidal composition according to Claim 18¹, further comprising one or more additives selected from the group consisting of colorings, attractants for pests, repellants for birds or animals which are useful or which should be protected, binding agents, agglomerating agents, appetite-enhancing agents, agglutinating agents, gelling agents, swelling agents ~~or~~ and antiadherent agents.

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26. (Currently Amended) ~~Insecticidal compositions~~ An insecticidal composition according to Claim 18¹, wherein the compound of formula (I) is 5-amino-3-cyano-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulphonyl]-1H-pyrazole 5-amino-3-cyano-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfinyl]-1H-pyrazole.

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27. (Currently Amended) ~~Insecticidal compositions~~ An insecticidal composition according to Claim 18¹, which ~~are~~ is in the form of granules of a size between 0.1 mm and 3 cm.

¹¹
~~28.~~ (Currently Amended) ~~Insecticidal compositions~~ An insecticidal composition
according to Claim ~~18~~, wherein the compound of formula (I) is present in an amount of
between 0.05 and 1 %.

¹²
~~29.~~ (Currently Amended) ~~Insecticidal compositions~~ An insecticidal composition
according to Claim ~~28~~, wherein the compound of formula (I) is present in an amount of
between 0.05 and 0.5 %.

¹³
~~30.~~ (Currently Amended) ~~Insecticidal compositions~~ An insecticidal composition
according to Claim ~~18~~, wherein the moisture-retaining agent is present in an amount of
between 0.1 and 5 %.

¹⁴
~~31.~~ (Currently Amended) ~~Insecticidal compositions~~ An insecticidal composition
according to Claim ~~18~~, wherein the vegetable meal is present in an amount of between 50
and 98 %.

¹⁵
~~32.~~ (Currently Amended) ~~Insecticidal compositions~~ An insecticidal composition
according to Claim ~~31~~, wherein the vegetable meal is present in an amount of between 70
and 97 %.

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~~33.~~ (Currently Amended) ~~Insecticidal compositions~~ An insecticidal composition according to Claim ~~19~~², wherein said cereal grain is selected from the group consisting of wheat, barley, rye, tritcale, oats, rice, sorghum, soyabean ~~or and~~ maize.

34. (Currently Amended) ~~Insecticidal compositions~~ An insecticidal composition according to Claim 21, wherein the moisture-retaining agent of an organic nature is ~~selected from a macromolecular hydrophilic derivatives~~ derivative of plant origin.

35. (Currently Amended) ~~Insecticidal compositions~~ An insecticidal composition according to Claim 34, wherein the moisture-retaining agent is a cellulosic hydrophilic derivative.

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~~36.~~ (Currently Amended) ~~Insecticidal compositions~~ An insecticidal composition according to Claim ~~22~~⁵ wherein the sugar is present in an amount of between 4 to 20 %.

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37.

(Currently Amended) ~~Insecticidal compositions~~ An insecticidal composition according to Claim ~~23~~⁶, wherein the sugar is sucrose, lactose, fructose, dextrose, glucose, molasses or honey.

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38.

(Withdrawn) ~~Insecticidal compositions~~ An insecticidal composition according to Claim ~~24~~⁷, wherein the preservative is selected from the group consisting of

sodium benzoate, ~~1,2-benzisothiazolin-3-one~~ 1,2-benzisothiazolin-3-one, benzoic acid, para-hydroxybenzoic acid and its esters and alkali ~~or~~ and alkaline-earth metal salts, 2-phenylphenol and its alkali ~~or~~ and alkaline-earth metal salts, ~~or~~ and para-nitrophenol.

²⁰
~~39~~ (Currently Amended) ~~Insecticidal compositions~~ An insecticidal composition according to Claim ¹⁰~~27~~, wherein the granules are of a size between 0.5 and 4 mm and are water-insoluble.

²¹
~~40~~ (Currently Amended) ~~Insecticidal compositions~~ An insecticidal composition according to Claim ¹~~18~~, further including from 0.5 to 30 % of at least one disintegrating agent.

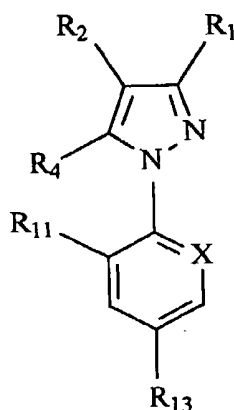
²²
~~41~~ (Currently Amended) ~~Insecticidal compositions~~ An insecticidal composition according to Claim ²¹~~40~~, wherein the disintegrating agent is present in an amount of 1 to 20 % and is selected from the group consisting of starch, sodium carboxymethyl starch, microcrystalline cellulose; modified celluloses; bentonite, ~~aluminium or~~ aluminum silicate, magnesium silicate; sodium ~~polynaphthalenesulphonate~~ polynaphthalenesulfonate, sodium ~~dodecylbenzenesulphonate~~ dodecylbenzenesulfonate, sodium dioctylsulphosuccinate dioctylsulfosuccinate, lignin ~~sulphonate~~ sulfonate; a saccharide derivative; ~~or~~ and a cross-linked derivative of polyvinylpyrrolidone.

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42.

(Currently Amended) A method of controlling insects which comprises applying an effective quantity of ~~a composition according to Claim 18~~ an insecticidal composition comprising:

(a) between 0.001 and 5 % of a compound of formula (I):



(I)

in which:

R₁ is a halogen atom or a CN group or a methyl group or a CH₃CO group;

R₂ is S(O)_nR₃;

R₃ is alkyl or haloalkyl;

R₄ represents a hydrogen or halogen atom, or an NR₅R₆, S(O)_mR₇, C(O)R₇ or

C(O)O-R₇, alkyl, haloalkyl or OR₈ radical or an -N=C(R₉)(R₁₀) radical;

R₅ and R₆ independently represent a hydrogen atom or an alkyl, haloalkyl, C(O)alkyl or S(O)_rCF₃ radical, or R₅ and R₆ together form a divalent alkylene radical optionally interrupted by one or two divalent heteroatoms;

R₇ represents an alkyl or haloalkyl radical;

R₈ represents an alkyl or haloalkyl radical or a hydrogen atom;

R₉ represents an alkyl radical or a hydrogen atom;

R₁₀ represents a phenyl or heteroaryl group optionally substituted with at least one halogen atom or radical selected from the group consisting of OH, -O-alkyl, -S-alkyl, cyano and alkyl;

X represents a trivalent nitrogen atom or a C-R₁₂ radical, the other three valences of the carbon atom forming part of the aromatic ring;

R₁₁ and R₁₂ represent, independently of each other, a hydrogen or halogen atom;

R₁₃ represents a halogen atom or a haloalkyl, haloalkoxy, S(O)_qCF₃ or SF₅ group;

m, n, q, r represent, independently of each other, an integer equal to 0, 1 or 2;

with the proviso that when R₁ is methyl, then R₃ is haloalkyl, R₄ is NH₂, R₁₁ is Cl,

R₁₃ is CF₃ and X is N;

(b) between 0.05 and 10 % of at least one moisture-retaining agent; and

(c) between 40 and 99% of at least one vegetable meal;

in the form of granules having a size of between 0.2 mm and 2 cm over or into the soil in an area which ~~has~~ is to be cultivated.

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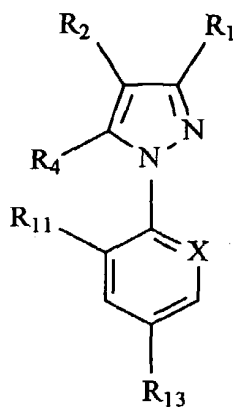
²³

(Previously Presented) A method according to Claim ~~42~~, wherein the effective quantity is selected to provide a dosage which is nonlethal through contact but lethal through ingestion.

³⁴

~~44~~ (Currently Amended) A method of protecting crops which comprises applying over or into the soil before or simultaneously with sowing the crops, an effective amount of a composition according to Claim 18 an insecticidal composition comprising:

(a) between 0.001 and 5 % of a compound of formula (I):



(I)

in which:

R₁ is a halogen atom or a CN group or a methyl group or a CH₃CO group:

R₂ is S(O)_nR₃:

R₃ is alkyl or haloalkyl:

R₄ represents a hydrogen or halogen atom, or an NR₅R₆, S(O)_mR₇, C(O)R₇ or C(O)O-R₇, alkyl, haloalkyl or OR₈ radical or an -N=C(R₉)(R₁₀) radical:

R₅ and R₆ independently represent a hydrogen atom or an alkyl, haloalkyl, C(O)alkyl or S(O)_rCF₃ radical, or R₅ and R₆ together form a divalent alkylene radical optionally interrupted by one or two divalent heteroatoms:

R₇ represents an alkyl or haloalkyl radical:

R₈ represents an alkyl or haloalkyl radical or a hydrogen atom:

R₉ represents an alkyl radical or a hydrogen atom:

R₁₀ represents a phenyl or heteroaryl group optionally substituted with at least one halogen atom or radical selected from the group consisting of OH, -O-alkyl, -S-alkyl, cyano and alkyl:

X represents a trivalent nitrogen atom or a C-R₁₂ radical, the other three valences of the carbon atom forming part of the aromatic ring:

R₁₁ and R₁₂ represent, independently of each other, a hydrogen or halogen atom:

R₁₃ represents a halogen atom or a haloalkyl, haloalkoxy, S(O)_qCF₃ or SF₅ group:

m, n, q, r represent, independently of each other, an integer equal to 0, 1 or 2:

with the proviso that when R₁ is methyl, then R₃ is haloalkyl, R₄ is NH₂, R₁₁ is Cl,

R₁₃ is CF₃ and X is N:

(b) between 0.05 and 10 % of at least one moisture-retaining agent; and

(c) between 40 and 99% of at least one vegetable meal;

in the form of granules.

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~~45~~ (Currently Amended) A method according to Claim ³⁴~~44~~, wherein the crop to be protected is ~~selected from~~ a cereal, beet, sunflower, potato or rape.

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~~46~~ (Previously Presented) A method according to Claim ²³~~42~~, wherein the insect being controlled is a click beetle.

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~~47~~ (Previously Presented) A method according to Claim ³⁴~~44~~, wherein the effective amount comprises between 1 and 50 g/ha.

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~~48~~ (Previously Presented) A method according to Claim ³⁶~~47~~, wherein the amount is between 3 and 40 g/ha.

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~~49~~ (Previously Presented) A method according to Claim ²³~~42~~, wherein the effective quantity is between 1 and 50 g/ha.

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~~50~~ (Previously Presented) A method according to Claim ²⁶~~49~~, wherein the effective quantity is between 3 and 40 g/ha.

44

51. (New) An insecticidal composition comprising:

(a) between 0.001 and 5% of the compound 5-amino-3-cyano-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfinyl]-1H-pyrazole;

(b) between 0.05 and 10% of cellulose as a moisture-retaining agent; and

(c) between 40 and 99% of at least one vegetable meal.

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52. (New) An insecticidal composition according to Claim ⁴⁴51, wherein the vegetable meal is maize.

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53. (New) An insecticidal composition according to Claim ⁴⁴51, wherein the composition also comprises from 3 to 30% of a sugar and from 0.5 to 30% of at least one disintegrating agent.

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54. (New) An insecticidal composition according to Claim ⁴⁶53, wherein the vegetable meal is maize.

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55. (New) An insecticidal composition according to Claim ⁴⁶53, wherein the sugar is lactose and wherein the disintegrating agent is lactose.

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56. (New) An insecticidal composition according to Claim ⁴⁸55, wherein the vegetable meal is maize.

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~~57.~~

(New) A method of controlling insects which comprises applying an effective quantity of an insecticidal composition comprising:

(a) between 0.001 and 5% of the compound 5-amino-3-cyano-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfinyl]-1H-pyrazole;

(b) between 0.05 and 10% of cellulose as a moisture-retaining agent; and

(c) between 40 and 99% of at least one vegetable meal;

in the form of granules having a size of between 0.2 mm and 2 cm over or into the soil in an area which is to be cultivated.

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~~58.~~

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(New) A method according to Claim ~~42~~, wherein the vegetable meal is maize.

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~~59.~~

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(New) A method according to Claim ~~42~~, wherein the composition also comprises from 3 to 30% of a sugar and from 0.5 to 30% of at least one disintegrating agent.

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(New) A method according to Claim ~~59~~, wherein the sugar is lactose and the disintegrating agent is lactose.

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~~61.~~

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(New) A method according to Claim ~~42~~, wherein the compound of formula (I) is 5-amino-3-cyano-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfinyl]-1H-pyrazole.

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~~62.~~

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(New) A method according to Claim ~~61~~, wherein the vegetable meal is maize and the composition also comprises from 3 to 30% of a sugar and from 0.5 to 30% of at least one disintegrating agent.

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~~63.~~

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(New) A method according to Claim ~~62~~, wherein the sugar is lactose and the disintegrating agent is lactose.

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~~64.~~

34

(New) A method according to Claim ~~44~~, wherein the vegetable meal is maize.

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~~65.~~

34

(New) A method according to Claim ~~44~~, wherein the composition also comprises from 3 to 30% of a sugar and from 0.5 to 30% of at least one disintegrating agent.

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~~66.~~

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(New) A method according to Claim ~~65~~, wherein the sugar is lactose and the disintegrating agent is lactose.

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~~67.~~ (New) A method according to Claim ~~44~~, wherein the compound of formula (I) is 5-amino-3-cyano-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfinyl]-1H-pyrazole.

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~~68.~~ (New) A method according to Claim ~~67~~, wherein the vegetable meal is maize and the composition also comprises from 3 to 30% of a sugar and from 0.5 to 30% of at least one disintegrating agent.

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~~69.~~ (New) A method according to Claim ~~68~~, wherein the sugar is lactose and the disintegrating agent is lactose.